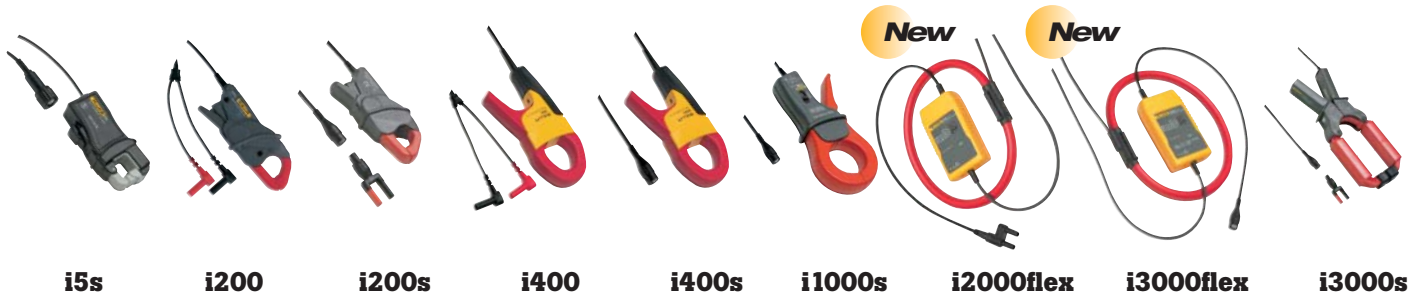


# Current Clamps

## AC Models



## Specifications

	i5s	i200	i200s	i400	i400s	i1000s	i2000 flex	i3000s flex-24 i3000s flex-36	i3000s
Nominal current range(s)	5 A	200 A	20 A 200 A	400 A	40 A 400 A	10 A 100 A 1000 A	20 A 200 A 2000 A	30 A 300 A 3000 A	30 A 300 A 3000 A
Continuous AC current range	0.01 A - 6 A	0.5 A - 200 A	0.1 - 24 A 0.5 A - 200 A	5 A - 400 A	0.5 - 40 A 5 A - 400 A	0.1 A - 10 A 0.1 A - 100 A 1 A - 1000 A	1 A - 20 A 2 A - 200 A AC RMS 30 A - 2000 A	1 A - 30 A 2 A - 300 A AC RMS 30 A - 3000 A	1 A - 30 A 1 A - 300 A 1 A - 2400 A
Highest current	70 A	240 A	240 A	1000 A	1000 A	2000 A	2500 A AC RMS	3500 A AC RMS	4000 A
Lowest measurable current	10 mA	0.5 A	0.5 A	1 A	0.5 A	0.1	1 A	1 A	1 A
Basic accuracy (48-65 Hz) <sup>1)</sup>	1%	1% + 0.5 A	1.5% + 0.5 A	2% + 0.15	2% + 0.15	1% + 1 A	1%	1%	2% + 2 A
Useable frequency	40 Hz - 5 kHz	40 Hz - 10 kHz	40 Hz - 10 kHz	45 Hz - 3 kHz	45 Hz - 3 kHz	5 Hz - 100 kHz	10 Hz - 20 kHz (-3dB)	10 Hz - 50 kHz (-3dB)	10 Hz - 100 kHz
Max. working voltage	600 V AC	600 V AC	600 V AC	1000 V	1000 V	600 V AC	600 V AC RMS	600 V AC RMS	600 V AC
Maximum conductor diameter	15 mm	20 mm	20 mm	32 mm	32 mm	54 mm	178 mm	Flex-24 178 mm Flex-36 275 mm	64 mm
Output level(s)	400 mV/A	1 mA/A	100 mV/A 10 mV/A	1 mA/A	10 mV/A 1 mV/A	100 mV/A 10 mV/A 1 mV/A	100 mV/A 10 mV/A 1 mV/A	100 mV/A 10 mV/A 1 mV/A	10 mV/A 1 mV/A 0.1 mV/A
Battery, battery life							200 hours	400 hours	
Output cable (m)	2.5	1.5	2.0	1.5	2.5	1.6	0.5	0.5	2.1
Shrouded banana plugs		●		●			●	n/a	
BNC adapter	●		●		●	●	n/a	●	●
BNC to banana adapter included			●				n/a	●	●
Safety	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V	CAT III 1000V / CAT IV 600 V	CAT III 1000V / CAT IV 600 V	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V	CAT III, 600 V

<sup>1)</sup> Basic Accuracy: % reading + floorspec

## Current Clamp Compatibility Chart

	114/115/116/117	175/177/179	187/189	27	8845A/8846A	77 IV	83V/87V	88V	43B	430 Series	120 Series	190 Series	1577/1587	715	724	725	741B/743B/744	787	789
<b>AC Models</b>																			
i5s										●									
i200	●	●	●	●	●	●	●	●					●					●	●
i200s	●	●	●	●	●	●	●	●				●	●					●	●
i400		●	●	●	●	●	●	●					●					●	●
i400s	2	2	2	2	2	2	2	2	●	●	●	●	2				2	2	2
i1000s	2	2	2	2	2	2	2	2	●	●	●	●	2				2	2	2
i2000flex	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●
i3000s	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●
i3000flex	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●
<b>AC/DC Models</b>																			
i30	●	●	●	●	●	●	●	●					●					●	●
i30s									●	●	●	●						●	●
80i-110s	2	2	2	2	2	2	2	2	●	●	●	●	2				2	2	2
i410 / i410 kit	●	●	●	●	●	●	●	●			3	3	●	1	1	1		●	●
i1010 / i1010 kit	●	●	●	●	●	●	●	●			3	3	●	1	1	1		●	●
<b>Other</b>																			
90i-610s	2	2	2	2	2	2	2	2	●	●	●	●	2				2	2	2

1 For DC only  
2 Requires PM 9081  
3 Requires PM 9082

# Current Clamps

## AC/DC Models



## Specifications

	80i-110s	i30	i30s	i410	i1010
Measurement type	Hall sensor	Hall sensor	Hall sensor	Hall sensor	Hall sensor
Nominal current range(s)	10 A, AC/DC 100 A, AC/DC	20 A AC RMS or DC	20 A AC RMS or DC	400 A, AC/DC	600 A, AC 1000 A, DC
Continuous current range	0.1A – 10 A AC/DC 1 A – 100 A AC/DC	30 A AC Peak	30 A AC Peak	1 A – 400 A AC/DC	1 A – 600 A, AC 1 A – 1000 A, DC
Highest current	140 A – 2 kHz	30 A AC Peak	30 A AC Peak	400 A	1000 A
Lowest measurable current	0.1 A	50 mA	50 mA	0.5 A	0.5 A
Basic accuracy <sup>1)</sup>	3% + 50 mA (@ 10 A)	± 1% of reading ± 2mA	± 1% of reading ± 2mA	3.5% + 0.5 A	2% + 0.5 A
Useable frequency	DC – 100 kHz	DC to 20 kHz (-0.5dB)	DC to 100 kHz (-0.5dB)	DC – 3 kHz	DC – 10 kHz
Zero error adjustment	●	manual adjust via thumbwheel	manual adjust via thumbwheel	●	●
Max. working voltage	600 V	300 V AC RMS	300 V AC RMS	600 V	600 V
Maximum conductor diameter	11.8 mm	19 mm	19 mm	30 mm 2 x 25 mm	30 mm 2 x 25 mm
Output level(s)	100 mV/A 10 mV/A	100 mV/A	100 mV/A	1 mV/A	1 mV/A
Battery, battery life	9 V, 55 h	30 hours typical	30 hours typical	9 V, 60 h	9 V, 60 h
Output cable length (m)	1.6	1.5	2	1.6	1.6
Shrouded banana Plugs		●	n/a	●	●
BNC adapter	●	n/a	●		
BNC to banana adapter included		n/a	●		
Safety	CAT II, 600 V CAT III, 300 V	CAT III, 300 V	CAT III, 300 V	CAT III, 600 V	CAT III, 600 V

<sup>1)</sup> Basic Accuracy: % reading + floorspec



### **i410 Kit AC/DC Current Clamp (400A) with soft case**

### **i1010 Kit AC/DC Current Clamp (1000A) with soft case**

- Combination of current clamp with carrying case
- Zippered soft case with moveable divider
- Soft case is large enough to hold a meter

### **New**



### **i3000flex, 4-pack**

- The perfect accessory for three-phase measurement tools
- The flex clamps fit around bus bars and large or hard-to-reach conductors
- Buy 4-pack and save 35% on the price of the individual items



### **i5sPQ3 AC Current Clamp, 3-pack**

A pack of 3 pieces of the i5s current clamps, specially configured to provide low current accuracy while taking measurements on secondary current transformers. This cost-saving 3-pack is perfect for use with 3-phase tools such as the Fluke 434 or Fluke 435.

All accessories have a one year warranty

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